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AMENDMENT TRANSMITTAL LETTER				CLIENT-MATTER NO.: 66692-042			
SERIAL NO:	FILING DATE:	EXAMINER:	GROUP ART UNIT: 5417				
10/032,395	December 21, 2001	J. Martinell	CONFIRMATION NO.: 1631				
INVENTION: METHODS FOR DETERMINING POLYPEPTIDE STRUCTURE, FUNCTION OR PHARMACOPHORE FROM COMPARISON OF POLYPEPTIDE SEQUENCES							
Mail Stop AF COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450				CERTIFICATE OF MAILING BY "EXPRESS MAIL" "EXPRESS MAIL" MAILING LABEL NUMBER: EV 400 552 906 US DATE OF DEPOSIT: April 29, 2004			
				I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450. <u>Paul Choi</u> (TYPED OR PRINTED NAME OR PERSON MAILING PAPER OR FEE) <u>PC</u> (SIGNATURE OF PERSON MAILING PAPER OR FEE)			

Transmitted herewith is a Response to the Final Office Action mailed January 29, 2004, in the above-identified application.

- Small Entity status of this application has been established under 37 CFR 1.27.
- An additional claims fee is required and has been calculated as shown below:

CLAIMS AS AMENDED

	NUMBER AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		NUMBER EXTRA		RATE		FEE	
							SMALL ENTITY	OTHER ENTITY	SMALL ENTITY	OTHER ENTITY
TOTAL CLAIMS	83	-	87	=	0	X	\$ 9.00	\$ 18.00	=	\$ 0.00
INDEPENDENT CLAIMS	12	-	7	=	5	X	\$ 43.00	\$ 86.00	=	\$ 215.00
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM		<input type="checkbox"/> YES		<input checked="" type="checkbox"/> NO			\$40	\$280	=	\$ 0.00
							TOTAL ADDITIONAL FEE		\$ 215.00	\$ 0.00

- * If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 20, write "20" in this space.
- ** If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 3, write "3" in this space.
- *** If the difference between the "NUMBER AFTER AMENDMENT" and the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 0, write "0" in this space.

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- Please charge my Deposit Account No. 502624 the amount of \$215.00 for the extra claims fee. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 502624. A duplicate copy of this sheet is enclosed.

Respectfully submitted,


Agent Name Deborah L. Cadena
Registration No. 44,048
Telephone No.: (858) 535-9001
Facsimile No.: (858) 535-8949

April 29, 2004

Date

McDERMOTT, WILL & EMERY
4370 La Jolla Village Drive, Suite 700
San Diego, California 92122



PATENT
Client-Matter No.: 66692-042

**RESPONSE UNDER 37 CFR 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 1631**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Hansen, et al.) Confirmation No: 5417
)
Serial No.: 10/032,395) Group Art Unit: 1631
)
Filed: December 21, 2001) Examiner: J. Martinell
)
For: METHODS FOR DETERMINING) CERTIFICATE OF MAILING BY "EXPRESS MAIL"
POLYPEPTIDE STRUCTURE,) "EXPRESS MAIL" MAILING LABEL NUMBER: EV 400 552 906 US
FUNCTION OR PHARMACOPHORE) DATE OF DEPOSIT: April 29, 2004
FROM COMPARISON OF)
POLYPEPTIDE SEQUENCES) I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER
37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS
ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VIRGINIA 22313-1450.

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Paul Choi

Printed Name of Person Mailing Paper or Fee

Signature of Person Mailing Paper or Fee

RESPONSE TO OFFICE ACTION

Responsive to the Office Action mailed January 29, 2004, entry of the following amendments and consideration of the following remarks are respectfully requested.

Amendments to the claims begin on page 2.

Remarks begin on page 17.